

## AUTHOR INDEX

- ABDAL, M., *see* LAURENT, G.
- ABUAF, N., LEYNADIER, F., LUCE, H. & DRY, J.  
Haemoglobin content of multilayer E rosettes is a parameter of activated human T lymphocytes, 145
- ADLER, W.H., *see* NAGEL, J.E.
- ALDO-BENSON, M.A., PETERSEN, B.H. & BENSON, M.D. Suppression of *in vitro* antibody response of human peripheral blood lymphocytes by a heat-labile factor in normal human serum, 638
- ANDERSON, R., *see* THERON, A.
- ANDERSSON, T.R. & SVENNEVIG, J.-L. Which Fc receptor-bearing cells are detected with the Ripley assay? 167
- ASHERSON, G.L., *see* PLATTS-MILLS, T.A.E.
- BACH, M.A., CHATENOU, L., WALLACH, D., PHAN DINH TUY, F. & COTTENOT, F. Studies on T cell subsets and functions in leprosy, 491
- BAECHER-STEPHAN, L. & KERKVLIT, N.I. The haemolytic antibody isotype release (HAIR) assay: an efficient alternative technique to conventional plaque assays, 440
- BAHNSEN, M., *see* GLUUD, C.
- BALLIEUX, R.E., *see* BAST, E.J.E.G.
- BAST, E.J.E.G., VAN CAMP, B., BOOM, S.E., JASPERS, F.C.A. & BALLIEUX, R.E. Differentiation between benign and malignant monoclonal gammapathy by the presence of the J chain, 375
- BENSON, M.D., *see* ALDO-BENSON, M.A.
- BERMAN, J.D. & DWYER, D.M. Expression of Leishmania antigen on the surface membrane of infected human macrophages *in vitro*, 342
- BERRIH, S., *see* LE HOANG PHUC (I)
- BERTOGGIO, J., GERLIER, D. & GERARD, J.P. Cultured T lymphocytes cytotoxic for a syngeneic lymphoma: derivation in Con A-conditioned medium and *in vivo* activity, 137
- BILLING, R., *see* HOFMAN, F.
- BOOM, S.E., *see* BAST, E.J.E.G.
- BOOTELLO, A., *see* LEYVA-COBIÁN, F.
- BRANDTZAEG, P. Transport models for secretory IgA and secretory IgM, 221
- BRANDTZAEG, P., *see* SCOTT, H.
- BRAY, J. & MCPHERSON, T.A. Fc receptor-bearing peripheral blood mononuclear cells in breast cancer patients: a possible marker of tumour burden and prognosis, 629
- BROODTAERTS, L., *see* VAN CAMP, B.
- CAMBIASO, C.L., *see* FARBER, C.M.
- CAMBRIDGE, G. & STERN, C.M.M. The uptake of tritium-labelled carnitine by monolayer cultures of human fetal muscle and its potential as a label in cytotoxicity studies, 211
- CARMICHAEL, J., *see* KAY, A.B.
- CATOVSKY, D., *see* ZAFAR, M.N.
- CHAPUIS, B., *see* MORETTA, A.
- CHATENOUD, L., *see* BACH, M.A.
- CHEN, S.N. & DUQUESNOY, R.J. Increased radiosensitivity of stimulator cells in the human leucocyte culture reaction and the secondary response of primed lymphocytes, 278
- CHERCHI, M., *see* ZAFAR, M.N.
- CHREST, F.J., *see* Nagel, J.E.
- CICCIARELLI, J., *see* HOFMAN, F.
- COLOMBATTI, M., *see* MORETTA, A.
- COOPER, D.A., DUCKETT, M., HANSEN, P., PETTS, V. & PENNY, R. Glucocorticosteroid enhancement of immunoglobulin synthesis by pokeweed mitogen-stimulated human lymphocytes. II. T lymphocyte independence, 129
- COTTENOT, F., *see* BACH, M.A.
- CROMWELL, O., *see* HASLAM, P.L.
- CSÁKÓ, G., SUBA, E.A. & HERP, A. Similarities and dissimilarities between the binding ability of C1q and collagen, 181
- CUNNINGHAM, A.J. & STEELE, E.J. Ontogeny of the autoimmune reaction in normal mice to antigens in erythrocytes and gut, 38
- D'ALMEIDA, M. & JOUANNET, P. Dexamethasone therapy of infertile men with sperm autoantibodies: immunological and sperm follow-up, 567
- D'ALMEIDA, M., LEFROIT-JOLIV, M. & VOISIN, G.A. Studies on human spermatozoa autoantigens. I. Fractionation of sperm membrane antigens: evidence of three antigenic systems, 359
- DANIELE, R.P., *see* SHANKE, T.V.
- DARDENNE, M., *see* LE HOANG PHUC (II)
- DAROUGAR, S., *see* MONNICKENDAM, M.A.
- DAY, N.K., *see* WITKIN, S.S.
- DE GAST, G.C., *see* PLATTS-MILLS, T.A.E.
- DELSOL, G., *see* LAURENT, G.
- DEN HOLLANDER, F.C., *see* VERHEUL, H.A.M.
- DEWAR, A., *see* HASLAM, P.L.
- DE WECK, A.L., *see* JONCOURT, F.
- DIAZ, P., *see* KAY, A.B.
- DIENSTAG, J.L., *see* WANDS, J.R.
- DIETRICHSON, O., *see* GLUUD, C.
- DOLL, N.J., *see* GAUMER, H.R.
- DOSCH, H.-M., *see* SHORE, A.
- DRY, J., *see* ABUAF, N.
- DUCKETT, M., *see* COOPER, D.A.
- DUQUESNOY, R.J., *see* CHEN, S.N.
- DUVAL, D., *see* LE HOANG PHUC (I)
- DVILANSKY, A., *see* KAHANE, S.
- DWYER, D.M., *see* BERMAN, J.D.
- ECIJA, J.L., *see* LEYVA-COBIÁN, F.
- ELIAKIM, M., *see* LEVO, Y.
- ERB, P., *see* REES, A.
- ESTOK, L., *see* KAHANE, S.
- FARBER, C.-M., CAMBIASO, C.L. & MASSON, P.L. Immune complexes in cord serum: influence of sex, gestational age, and Rh<sup>-</sup> blood group—possible predictive value of high levels for early postnatal infections, 426
- FELDMANN, M., *see* REES, A.
- FISCHBACH, M., VOLBERDING, P., TALAL, N. & LEVY, J. Genetic analysis of induction of anti-polyadenylic acid antibodies and xenotropic type C viruses, 615
- FOON, K., *see* HOFMAN, F.
- FORBES, I.J., *see* ZALEWSKI, P.D.

- GAUMER, H.R., DOLL, N.J., KAIMAL, J., SCHUYLER, M. & SALVAGGIO, J.E. Diminished suppressor cell function in patients with asbestosis, 108
- GELFAND, E.W., *see* SHORE, A.
- GERARD, J.P., *see* BERTOGLIO, J.
- GERLIER, D., *see* BERTOGLIO, J.
- GLUUD, C., TAGE-JENSEN, U., BAHNSEN, M., DIE-TRICHSON, O. & SVEJGAARD, A. Autoantibodies, histocompatibility antigens and testosterone in males with alcoholic liver cirrhosis, 31
- GOIDL, E.A., MICHELIS, M.A., SISKIN, G.W. & WEKSLER, M.E. Effect of age on the induction of autoantibodies, 24
- GOLDSTEIN, G., *see* SELBY, W.S.
- GOOD, R.A., *see* WITKIN, S.S.
- GORDON, D. & NOURI, A.M.E. Comparison of the inhibition by glucocorticosteroids and cyclosporin A of mitogen-stimulated human lymphocyte proliferation, 287
- GORDON, M.Y., KING, J.A. & GORDON-SMITH, E.C. Abnormal adherent cell function in aplastic anaemia demonstrated using levamisole in cultures for T lymphocyte colony-forming cells (TI-CFC), 117
- GORDON-SMITH, E.C., *see* GORDON, M.Y.
- GRABOW, G., *see* THERON, A.
- GRANT, I.W.B., *see* KAY, A.B.
- GREENSPAN, J.S., GADOL, N., OLSON, J.A. & TALAL, N. Antibody-dependent cellular cytotoxicity in recurrent aphthous ulceration, 603
- GROHMANN, P.H., PORZSOLT, F., QUIRT, I., MILLER, R.G. & PHILLIPS, R.A. Stimulation of human NK cell activity by cultured cells. II. Ingestion of aspirin by blood donors suppresses induced NK activity, 611
- HAEGERT, D.G. Human peripheral blood T lymphocytes express  $\alpha$ -,  $\mu$ - and F(ab')<sub>2</sub>-related determinants in their surface membranes, 467
- HALLGREN, R. Kinetic studies of the association of complement components and IgG-coated latex particles incubated in normal or complement-activated human serum, 191
- HANSEN, P., *see* COOPER, D.A.
- HASHIMOTO, Y. & HURD, E.R. Human neutrophil aggregation and increased adherence to human endothelial cells induced by heat-aggregated IgG and immune complexes, 538
- HASLAM, P.L., CROMWELL, O., DEWAR, A. & TURNER-WARWICK, M. Evidence of increased histamine levels in lung lavage fluids from patients with cryptogenic fibrosing alveolitis, 587
- HELD, H., *see* WULF, J.C.
- HERON, I., *see* HOKLAND, M.
- HERP, A., *see* CSÁKÓ, G.
- HOFFMAN, F., FOON, K., SMITH, D., KRANSLER, J., CICCARELLI, J. & BILLING, R. Functional properties of subsets of T lymphocytes defined by specific antigens, 476
- HOKLAND, M., LARSEN, B., HERON, I. & PLESNER, T. Corticosteroids decrease the expression of  $\beta_2$ -microglobulin and histocompatibility antigens on human peripheral blood lymphocytes *in vitro*, 239
- HOLT, P., *see* JONES, V.E.
- HORSFALL, A.C., VENABLES, P.J.W., MUMFORD, P.A. & MAINI, R.N. Interpretation of the Raji cell assay in sera containing anti-nuclear antibodies and immune complexes, 405
- HOTTA, R., *see* KASHIO, T.
- HUDSON, L., *see* RIBEIRO DOS SANTOS, R.
- HURD, E.R., *see* HASHIMOTO, Y.
- HURTREL, B. & LAGRANGE, P.H. Comparative effects of carrageenan on systemic candidiasis and listeriosis in mice, 355
- INOUE, M., *see* NG, W.S.
- JACOBY, R.K., *see* JONES, V.E.
- JANOSY, G., *see* SELBY, W.S.
- JASPERS, F.C.S., *see* BAST, E.J.E.G.
- JEWELL, D.P., *see* SELBY, W.S.
- JONCOURT, F., KRISTENSEN, F. & DE WECK, A.L. Ageing and immunity in outbred NMRI mice: lack of correlation between age-related decline of the response to T cell mitogens, the antibody response to a T-dependent antigen and lifespan in outbred NMRI mice, 270
- JONES, V.E., JACOBY, R.K., WALLINGTON, T. & HOLT, P. Immune complexes in early arthritis. I. Detection of immune complexes before rheumatoid arthritis is definite, 512
- JOUANNET, P., *see* D'ALMEIDA, M.
- KAHANE, S., DVLANSKY, A., ESTOK, L., NATHAN, I., ZOLOTOV, Z. & SAROV, I. Detection of anti-platelet antibodies in patients with idiopathic thrombocytopenic purpura (ITP) and in patients with rubella and herpes group viral infections, 49
- KAIMAL, J., *see* GAUMER, H.R.
- KAKUMU, S., *see* KASHIO, T.
- KASHIO, T., HOTTA, R. & KAKUMU, S. Lymphocyte suppressor cell activity in acute and chronic liver disease, 459
- KAY, A.B., DIAZ, P., CARMICHAEL, J. & GRANT, I.W.B. Corticosteroid-resistant chronic asthma and monocyte complement receptors, 576
- KAY, A.B., *see* SMART, L.M.
- KERKVLIT, N.I., *see* BAECHER-STEPHAN, L.
- KING, J.A., *see* GORDON, M.Y.
- KOFF, R.S., *see* WANDS, J.R.
- KRANSLER, J., *see* HOFMAN, F.
- KRISTENSEN, F., *see* JONCOURT, F.
- KUBOTA, M. & MIKAWA, H. Rosette-increasing factor (RIF) generated *in vivo* following PHA skin test, 315
- KUMAR, R., *see* RAJAGOPALAN, P.
- LAGRANGE, P.H., *see* HURTREL, B.
- LARSEN, B., *see* HOKLAND, M.
- LAURENT, G., DELSOL, G., REYES, F., ABAL, M. & MIHAESCO, E. Detection of J chain in lymphomas and related disorders, 620
- LAWRENCE, S., LOCKWOOD, C.M. & PETERS, D.K. Studies on NEM-treated erythrocyte clearance in the rabbit, with special reference to the effects of circulating immune complexes, 433
- LEFROIT-JOLLY, M., *see* D'ALMEIDA, M.
- LE HOANG PHUC, PAPIERNIK, M., BERRIH, S. & DUVAL, D. Thymic involution in pregnant mice. I. Characterization of the remaining thymocyte subpopulations, 247

- LE HOANG PHUC, PAPIERNIK, M. & DARDENNE, M.  
Thymic involution in pregnant mice. II. Functional aspects of the remaining thymocytes, 253
- LEVO, Y., SHOUVAL, D., TUR-KASPA, R., WOLLNER, S., PENCHAS, S., ZLOTNICK, A. & ELIAKIM, M.  
Immunological evaluation of asymptomatic carriers of hepatitis B virus, 63
- LEVY, J., see FISCHBACH, M.
- LEYNADIER, F., see ABUAF, N.
- LEYVA-COBIÁN, F., MONED, I., MAMPASO, F., SÁNCHEZ-BAYLE, M., ECUA, J.L. & BOOTELLO, A.  
Familial C1q deficiency associated with renal and cutaneous disease, 173
- LIEW, F.Y., see SMELT, A.H.M. (2 papers)
- LOCKWOOD, C.M., see LAWRENCE, S.
- LUCE, H., see ABUAF, N.
- MACKAY, I.R., see TOH, B.H.
- MAINI, R.N., see HORSFALL, A.C.
- MALAVIYA, A.N., see RAJAGOPALAN, P.
- MAMPASO, F., see LEYVA-COBIÁN, F.
- MASSON, P.L., see FARBER, C.M.
- MCBRIDE, J.S. & MICKLEM, H.S.  
Immunodepression of thymus-independent response to dextran in mouse malaria, 74
- McMURRAY, D.N. & REY, H.  
Immunological sequelae of intrauterine infection, 389
- MCPhaul, J.J., JR & MONTGOMERY, W.R.  
Cryoglobulinemia in patients with renal disease. II. Attempts to demonstrate that cryoprecipitates contain autoantibodies and/or antigen, 560
- MCPherson, T.A., see BRAY, J.
- MEDOF, M.E., SCARBOROUGH, D. & MILLER, G.  
Ability of complement to release systemic lupus erythematosus immune complexes from cell receptors, 416
- MEIRING, J.L., see THERON, A.
- MICHELIS, M.A., see GOIDL, E.A.
- MICKLEM, H.S., see MCBRIDGE, J.S.
- MIHAESCO, E., see LAURENT, G.
- MIKAWA, H., see KUBOTA, M.
- MILLER, G., see MEDOF, M.E.
- MILLER, R.G., see GROHMANN, P.H.
- MONED, I., see LEYVA-COBIÁN, F.
- MONNICKENDAM, M.A., DAROUGAR, S. & TILBURY, A.M.  
Ocular and dermal delayed hypersensitivity reactions in guinea-pigs following infection with guinea-pig inclusion conjunctivitis agent (*Chlamydia psittaci*), 57
- MONTGOMERY, W.R., see MCPhaul, J.J., JR
- MOORE, M., see POTTER, M.R.
- MORETTA, A., COLOMBATTI, M. & CHAPUIS, B.  
Human spleen as a source of T cell growth factor, 262
- MUELLER-HERMELINK, H.K., see WULFF, J.C.
- MUMFORD, P.A., see HORSFALL, A.C.
- NAGEL, J.E., CHREST, F.J. & ADLER, W.H.  
Human B cell function in normal individuals of various ages. I. *In vitro* enumeration of pokeweed-induced peripheral blood lymphocyte immunoglobulin-synthesizing cells and the comparison of the results with numbers of peripheral B and T cells, mitogen responses, and levels of serum immunoglobulins, 646
- NATHAN, I., see KAHANE, S.
- NEWHOUSE, Y., see WHISLER, R.L.
- NG, M.H., see NG, W.S.
- NG, W.S., NG, M.H., INOUE, M. & TAN, Y.H.  
Kinetics of human immune interferon production and blastogenesis, 594
- NOURI, A.M.E., see GORDON, D.
- NOWELL, P.C., see SHANKEY, T.V.
- OLIVIER, S.L., see WARRINGTON, R.J.
- PANG, G., see TAN, P.
- PAPIERNIK, M., see LE HOANG PHUC (2 papers)
- PASTORE, R., see VALESINI, G.
- PENCHAS, S., see LEVO, Y.
- PENNY, R., see COOPER, D.A.
- PETERS, D.K., see LAWRENCE, S.
- PETERSEN, B.H., see ALDO-BENSON, M.A.
- PETTS, V., see COOPER, D.A.
- PHAN DINH TUY, F., see BACH, M.-A.
- PHILLIPS, R.A., see GROHMANN, P.H.
- PICARDO, M., see VALESINI, G.
- PITTMAN, S., see ZAFAR, M.N.
- PIVETTI, P., see VALESINI, G.
- PLATTS-MILLS, T.A.E., DE GAST, G.C., WEBSTER, A.D.B., ASHERSON, G.L. & WILKINS, S.R.  
Two immunologically distinct forms of late-onset hypogammaglobulinaemia, 383
- PLESNER, T., see HOKLAND, M.
- PORZSOLT, F., see GROHMANN, P.H.
- POTTER, M.R. & MOORE, M.  
*In vitro* augmentation of human natural cytotoxic activity, 332
- QUIRT, I., see GROHMANN, P.H.
- RAJAGOPALAN, P., KUMAR, R. & MALAVIYA, A.N.  
Immunological studies in typhoid fever. I. Immunoglobulins, C3, antibodies, rheumatoid factor and circulating immune complexes in patients with typhoid fever, 68
- REES, A., FELDMANN, M., WOODY, J.N. & ERB, P.  
Genetics of human T cell-monocyte interaction in helper cell induction, 445
- REES, JR, J.W., see SMELT, A.H.M. (2 papers)
- REICHLIN, M.  
Current perspectives on serological reactions in SLE patients, 1
- REINHARDT, M.C., DEVEY, M., COLLINS, M., GREGORY, B. & STEWARD, M.W.  
The effect of protein deficiency on the development of chronic antigen-antibody complex disease in mice, 528
- REY, H., see McMURRAY, D.N.
- REYES, F., see LAURENT, G.
- REYNAERT, PH., see VAN CAMP, B.
- RIBEIRO DOS SANTOS, R. & HUDSON, L.  
Denervation and the immune response in mice infected with *Trypanosoma cruzi*, 349
- RUDOFISKY, U.H.  
Murine lupus nephritis is accelerated by anti-glomerular basement membrane autoantibodies, 18
- RUTHERFORD, W.J., see WARRINGTON, R.J.
- SALVAGGIO, J.E., see GAUMER, H.R.
- SÁNCHEZ-BAYLE, M., see LEYVA-COBIÁN, F.
- SAROV, I., see KAHANE, S.
- SAUDER, P.J., see WARRINGTON, R.J.
- SCARBOROUGH, D., see MEDOF, M.E.

- SCHLAACK, M., see WULFF, J.C.
- SCOTT, C.S. Maturation-linked expression of C3b and C3b' receptors on developing human bone marrow and peripheral blood granulocytes, 201
- SCOTT, H., BRANDTZAEG, P., SOLHEIM, B.G. & THORSBY, E. Relation between HLA-DR-like antigens and secretory component (SC) in jejunal epithelium of patients with coeliac disease or dermatitis herpetiformis, 233
- SCHUURS, A.H.W.M., see VERHEUL, H.A.M.
- SCHUYLER, M., see GAUMER, H.R.
- SELBY, W.S., JANOSSY, G., GOLDSTEIN, G. & JEWELL, D.P. T lymphocyte subsets in human intestinal mucosa: the distribution and relationship to MHC-derived antigens, 453
- SERAFINI, U., see VALESINI, G.
- SHANKEY, T.V., DANIELE, R.P. & NOWELL, P.C. Kinetics of mitogen-induced proliferation and differentiation of human peripheral blood B lymphocytes, 156
- SHORE, A., DOSCH, H.-M. & GELFAND, E.W. Role of adenosine deaminase in the early stages of precursor T cell maturation, 152
- SHOUVAL, D., see LEVO, Y.
- SISKIND, G.W., see GOIDL, E.A.
- SISKIND, G.W., see GOIDL, E.A.
- SMART, L.M. & KAY, A.B. Histamine receptors on human peripheral blood leucocytes, 581
- SMELT, A.H.M., REES, R.J.W. & LIEW, F.Y. Induction of delayed-type hypersensitivity to *Mycobacterium leprae* in healthy individuals, 501
- SMELT, A.H.M., REES, R.J.W. & LIEW, F.Y. Failure to induce delayed-type hypersensitivity to *Mycobacterium leprae* in long-term treated lepromatous leprosy patients, 507
- SMITH, D., see HOFMAN, F.
- SMITH, G. Maternal regulator cells during murine pregnancy, 90
- SOLHEIM, B.G., see SCOTT, H.
- STEELE, E.J., see CUNNINGHAM, A.J.
- STERN, C.M.M., see CAMBRIDGE, G.
- STIMSON, W.H., see VERHEUL, H.A.M.
- SUBA, E.A., see CSÁKÓ, G.
- SVEIGAARD, A., see GLUUD, C.
- SVENNEVIG, J.-L., see ANDERSSON, T.R.
- TAGE-JENSEN, U., see GLUUD, C.
- TALAL, N., see FISCHBACH, M.
- TAN, P., PANG, G. & WILSON, J.D. Immunoglobulin production *in vitro* by peripheral blood lymphocytes in systemic lupus erythematosus: helper T cell defect and B cell hyperactivity, 548
- TAN, Y.H., see NG, W.S.
- THERON, A., ANDERSON, R., GRABOW, G. & MEIRING, J.L. *In vitro* and *in vivo* stimulation of neutrophil migration and lymphocyte transformation by thiamine related to inhibition of the peroxidase-H<sub>2</sub>O<sub>2</sub>/halide system, 295
- THORSBY, E., see SCOTT, H.
- TILBURY, A.M., see MONNICKENDAM, M.A.
- TOH, B.H. & MACKAY, I.R. Autoantibody to a novel neuronal antigen in systemic lupus erythematosus and in normal human sera, 555
- TUR-KASPA, R., see LEVO, Y.
- TURNER-WARWICK, M., see HASLAM, P.L.
- UHLNBRUCK, G., see ZALEWSKI, P.D.
- VALENTE, L., see ZALEWSKI, P.D.
- VALESINI, G., PICARDO, M., PASTORE, R., PIVETTI, P. & SERAFINI, U. Circulating immune complexes in Beçhet's syndrome: purification, characterization and cross-reactivity studies, 522
- VAN CAMP, B., see BAST, E.J.E.G.
- VAN CAMP, B., REYNAERT, PH. & BROODTAERTS, L. Studies on the origin of the precursor cells in multiple myeloma, Waldenström's macroglobulinaemia and benign monoclonal gammopathy. I. Cytoplasmic isotype and idiotype distribution in peripheral blood and bone marrow, 82
- VENABLES, P.J.W., see HORSFALL, A.C.
- VERHEUL, H.A.M., STIMSON, W.H., DEN HOLLANDER, F.C. & SCHUURS, A.H.W.M. The effects of nandrolone, testosterone and their decanoate esters on murine lupus, 11
- VOISIN, G.A., see D'ALMEIDA, M.
- VOLBERDING, P., see FISCHBACH, M.
- WALLACH, D., see BACH, M.-A.
- WALLINGTON, T., see JONES, V.E.
- WANDS, J.R., DIENSTAG, J.L., WEAKE, J.R. & KOFF, R.S. *In vitro* studies of enhanced IgG synthesis in severe alcoholic liver disease, 396
- WARRINGTON, R.J., OLIVIER, S.L., SAUDER, P.J. & RUTHERFORD, W.J. Production of migration inhibition factor (MIF) by purified human T cell subpopulations, 324
- WEAKE, J.R., see WANDS, J.R.
- WEBSTER, A.D.B., see PLATTS-MILLS, T.A.E.
- WEKSLER, M.E., see GOIDL, E.A.
- WHISLER, R.L. & NEWHOUSE, Y. Amplification and suppression of human T cell proliferative responses by alloactivated T cells, 100
- WILKINS, S.R., see PLATTS-MILLS, T.A.E.
- WILSON, J.D., see TAN, P.
- WITKIN, S.S., ZELIKOVSKY, G., GOOD, R.A. & DAY, N.K. Demonstration of 11S IgA antibody to spermatozoa in human seminal fluid, 368
- WOLLNER, S., see LEVO, Y.
- WOODY, H.N., see REES, A.
- WULFF, J.C., HELD, H., MUELLER-HERMELINK, H.K. & SCHLAACK, M. Purification and characterization of human bone marrow lymphocyte subpopulations: evidence for the existence of an alloreactive immature T cell, 485
- ZAFAR, M.N., PITTMAN, S., CHERCHI, M. & CATOVSKY, D. Stimulation of chronic lymphatic leukaemia cells by pokeweed mitogen after treatment with neuraminidase-galactose oxidase, 124
- ZALEWSKI, P.D., FORBES, I.J., UHLNBRUCK, G. & VALENTE, L. B lymphocyte specificity of lectins of *Cepaea nemoralis* and *Dolichos biflorus*: paradoxical binding of anti-A active lectins to human lymphocyte subclasses, 304
- ZELIKOVSKY, G., see WITKIN, S.S.
- ZLOTNICK, A., see LEVO, Y.
- ZOLOTOV, Z., see KAHANE, S.

# SUBJECT INDEX

- Adenosine deaminase
  - role in T cell maturation, 152
- Adherent cells
  - in aplastic anaemia, 117
- Ageing
  - and autoantibody induction, 24
  - and immunity, 270
  - B cell function during, 646
- Alcoholic liver cirrhosis
  - autoantibodies in, 31
- Alcoholic liver disease
  - IgG synthesis in, 396
- Anabolics
  - and murine lupus, 11
- Antibodies
  - in typhoid fever, 68
- Antibody-dependent cellular cytotoxicity
  - in aphthous ulceration, 603
- Antibody suppression
  - by NHS, 638
- Antigen-antibody complex disease
  - effect of protein deficiency on, 528
- Antigens
  - define T cell subsets, 476
- Anti-nuclear antibodies
  - and Raji cell assay, 405
- Anti-platelet antibodies
  - in ITP, 49
- Anti-polyadenylic acid antibodies
  - genetics of induction, 615
- Anti-self reactivity
  - ontogeny of, 38
- Aplastic anaemia
  - adherent cells in, 117
- Arthritis
  - early, IC in, 512
- Asbestosis
  - suppressor cells in, 108
- Aspirin
  - suppresses NK activity, 611
- Asthma
  - and monocytes, 576
- Autoantibodies
  - and effects of age, 24
  - in alcoholic cirrhosis, 31
- Autoantigens
  - spermatozoa, isolation of, 329
- B cell function
  - during ageing, 646
- B lymphocyte mitogen response
  - kinetics of, 156
- $\beta_2$ -microglobulin
  - and *in vitro* steroid action, 239
- Behçet's syndrome
  - CIC in, 522
- Blastogenesis
  - and IFN- $\gamma$  production, 594
- Bone marrow
  - C3b receptors on, 201
  - lymphocyte subpopulations of, 485
- Breast cancer
  - Fc receptors in, 629
- C1q
  - binding ability of, 181
- C3
  - in typhoid fever, 68
- C3b
  - membrane receptors for, 201
- C1q deficiency
  - associated with renal disease, 173
- Candidiasis
  - effects of carrageenan on, 355
- Carnitine uptake
  - by muscle cultures, 211
- Carrageenan
  - effects on candidiasis and listeriosis, 355
- Cell receptors
  - IC release from, 416
- Cepaea nemoralis*
  - B specificity of, 304
- Chlamydia psittaci*
  - ocular and dermal reactions to, 57
- Celiac disease
  - and HLA-DR and SC, 233
- Collagen
  - binding ability of, 181
- Complement
  - releases SLE immune complex receptors, 416
- Complement binding
  - to IgG complexes, 191
- Congenital infection
  - immunity following, 389
- Cord serum
  - IC in, 426
- Corticosteroids
  - in vitro* action of, 239
- Cryoimmunoglobulinaemia
  - in renal disease, 560
- Cryptogenic fibrosing alveolitis
  - histamine levels in, 587
- Cyclosporin A
  - inhibits lymphocytes, 287
- Cytotoxic activity
  - in vitro* augmentation of, 332
- Cytotoxicity studies
  - a potential label for, 211
- Delayed-type hypersensitivity
  - to *M. leprae*, 501, 507
- Dermatitis herpetiformis
  - and HLA-DR and SC, 233
- Dexamethasone therapy
  - in male infertility, 567
- Dextran
  - T-independent response to, in malaria, 74
- Dolichos biflorus*
  - B specificity of, 304
- Epithelium
  - HLA-DR and SC in, 233
- E rosettes
  - haemoglobin content of, 145
- Fc receptor-bearing cells
  - detected with Ripley assay, 167

- Fc receptors  
in breast cancer, 629
- Glomerular basement membrane  
autoantibodies to and murine lupus, 18
- Glucocorticosteroids  
inhibit lymphocytes, 287  
enhance Ig synthesis, 129
- Guinea-pig inclusion conjunctivitis agent ocular and  
dermal reactions to, 57
- Haemoglobin content  
of E rosettes, 145
- Haemolytic antibody isotope release assay  
an alternative plaque assay, 440
- Hepatitis B surface antigen  
immunology of carriers, 63
- Herpes simplex  
anti-platelet antibodies in, 49
- Histamine levels  
in CFA, 587
- Histamine receptors  
on PBL, 581
- Histocompatibility antigens  
and *in vitro* steroid action, 239  
in alcoholic cirrhosis, 31
- HLA-DR  
in intestinal epithelium, 233
- Hypersensitivity reactions  
To GPIC agent, 57
- Hypogammaglobulinaemia  
late-onset, two forms of, 383
- Idiopathic thrombocytopenic purpura  
anti-platelet antibodies in, 49
- IgA  
in seminal fluid, 368
- IgG  
heat-aggregated, induces PMN aggregation, 538
- IgG complexes  
complement binding to, 191
- IgG synthesis  
in alcoholic liver disease, 396
- Ig-related molecules  
on T lymphocytes, 467
- Immune complexes  
and Raji cell assay, 405  
circulating, and NEM-treated erythrocyte clearance, 433  
in Behçet's syndrome, 522  
in typhoid fever, 68  
in arthritis, 512  
in cord serum 426  
induce PMN aggregation, 538
- Immune response  
genetics of, 445  
in *T. cruzi* infection, 349
- Immunity  
effects of age, 270  
following congenital infection, 389
- Immunoglobulin production  
in SLE, 548
- Immunoglobulins  
in typhoid fever, 68
- secretory, transport of, 221
- Immunoglobulin synthesis  
enhanced by glucocorticosteroids, 129
- Infertility  
male, dexamethasone therapy in, 567
- Interferon production  
kinetics of, 594
- J chain  
in differentiation of BMG and MMG, 375  
in lymphomas, 620
- Leishmania antigen  
on infected macrophages, 342
- Leprosy  
no DTH to *M. leprae* in, 507  
T cell subsets in, 491
- Leukaemia  
chronic lymphatic, and PWM stimulation, 124
- Levamisole  
in cultures for TL-CFC, 117
- Listeriosis  
effects of carrageenan on, 355
- Liver disease  
suppressor cells in, 459
- Lymphocyte subpopulations  
of bone marrow, 485
- Lymphocyte transformation  
stimulated by thiamine, 295
- Lymphoma  
J chain in, 620  
syngeneic, T cell cytotoxicity for, 137
- Malaria  
T-independent response in, 74
- Maternal regulator cells  
in pregnancy, 90
- Migration inhibition factor  
released by suppressor T cells, 324
- Mixed leucocyte culture reaction  
increased radiosensitivity of lymphocytes in, 278
- Monoclonal gammopathy  
and presence of J chain, 375  
precursor cells in, 82
- Monocyte complement receptors  
and asthma, 576
- Monocytes  
interaction with T cells, 445
- Mucosa  
intestinal, T lymphocyte subsets in, 453
- Multiple myeloma  
precursor cells in, 82
- Murine lupus  
effects of anabolics on, 11
- Murine lupus nephritis  
acceleration of, 18
- Muscle cultures  
and <sup>3</sup>H-carnitine uptake, 211
- Mycobacterium leprae*  
DTH to, 501, 507
- Nandrolone  
effect on murine lupus, 11
- Natural killer cells  
activity suppressed by aspirin, 611

- N*-ethylmaleimide  
as a clearance marker, 433
- Neuraminidase-galactose oxidase  
and PWM response in CLL, 124
- Neuronal antigen  
autoantibody to in SLE, 555
- Neutrophil migration  
stimulated by thiamine, 295
- Peripheral blood granulocytes  
C3b receptors on, 201
- Peripheral blood leucocytes  
histamine receptors on, 581
- Peripheral blood lymphocytes  
Ab response of suppressed, 638  
produce Ig in SLE, 548
- Peripheral blood mononuclear cells  
in breast cancer, 629
- Peroxidase/H<sub>2</sub>O<sub>2</sub>/halide system  
inhibited by thiamine, 295
- Plaque assay  
HAIR assay as an alternative, 440
- Pokeweed mitogen  
and enhancement of Ig synthesis, 129  
stimulates CLL cells, 124
- Polymorphonuclear leucocyte aggregation  
induced by IgG and IC, 538
- Postnatal infection  
predictive value of IC in cord serum, 426
- Precursor cells  
in monoclonal gammopathy, 82
- Pregnancy  
regulator cells in, 90  
thymic involution during, 247, 253
- Protein deficiency  
and complex disease, 528
- Radiosensitivity  
of lymphocytes in MLR, 278
- Raji cell assay  
and anti-nuclear antibodies, 405
- Renal disease  
and C1q deficiency, 173  
cryoimmunoglobulinaemia in, 560
- Rheumatoid factor  
in typhoid fever, 68
- Ripley assay  
detects Fc receptor-bearing cells, 167
- Rosette-increasing factor  
generated *in vivo*, 315
- Rubella  
anti-platelet antibodies in, 49
- Secretory component  
in intestinal epithelium, 233
- Self-tolerance  
studies on B cell reactivity to self-antigen, 38
- Seminal fluid  
IgA in, 368
- Spermatozoa  
IgA antibody to, 368
- Spermatozoa autoantigens  
isolation of, 359
- Sperm autoantibodies  
and dexamethasone therapy, 567
- Spleen  
a source of T cell growth factor, 262
- Suppressor cells  
in asbestosis, 108  
in liver disease, 459
- Systemic lupus erythematosus  
and complement release of IC, 416  
anti-neuronal autoantibody in, 555  
Ig production in, 548  
serological reactions in (review), 1
- T cell growth factor  
spleen as a source of, 262
- T cell maturation  
role of ADA in, 152
- T cell proliferation  
regulation, 100
- T cells  
interaction with monocytes, 445
- T cell subsets  
in leprosy, 491
- Testosterone  
effect on murine lupus, 11  
in alcoholic cirrhosis, 31
- Thiamine  
effects on neutrophil function, 295
- Thymic involution  
during pregnancy, 247, 253
- Thymocytes  
in pregnancy, 247, 253
- Thymus-independent response  
in malaria, 74
- T lymphocyte activation  
method for measuring, 145
- T lymphocytes  
cytotoxic for a syngeneic lymphoma, 137  
Ig-related molecules on, 467
- T lymphocyte subsets  
functional properties of, 476  
in intestinal mucosa, 453
- Transport models  
for secretory Ig, 221
- Trypanosoma cruzi*  
denervation during infection, 349
- Typhoid fever  
immune response in, 68
- Ulceration  
recurrent aphthous, ADCC in, 603
- Viral infections  
anti-platelet antibodies in, 49
- Waldenström's macroglobulinaemia  
precursor cells in, 82
- Xenotropic type-C virus  
genetic analysis of, 615